

**ЛАБОРАТОРИЯ ЗА ИЗПИТВАНЕ  
КЪМ СОЛАР ПРОДЖЕКТ ООД**

Сертификат рег. № 150 ЛИ Валиден до 01.09.2018г  
Издаден от ИА БСА в съответствие с БДС EN ISO / IEC 17025  
ФК 510.01

**TEST LABORATORY  
AT SOLAR PROJECT LTD**

Certificate of registration №150 TL  
Valid until 01.09.2018г  
Released by EA BSA in accordance with BS EN ISO / IEC 17025  
FK 510.01



**SOLAR PROJECT**

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## **TEST PROTOCOL**

**№ 01/04.01.2016**

- 1. Unplasticized profile sections of polyvinyl chloride (PVC-U) for the manufacture of doors and windows** Profiles WP 3001, WP 3002, WP 3003
- 2. Applicant for testing - Weiss Profil LTD** Request № 01/04.01.2016
- 3. Test methods:**
  - BDS EN 514:2004
  - BDS EN 477:2004
  - BDS EN 479:2002
  - BDS EN ISO 179-2:2012
- 4. Date of receipt of the samples (samples for testing) in the laboratory** 04.01.2016
- 5. Quantity of test samples:**
  - WP 3001, WP 3002, WP 3003:
  - 3 test samples x 3 piece with a length x 250mm WP3001, WP 3002, WP 3003
  - 2 test samples x 3 piece welded corners WP3001, WP3002
  - 3 test samples x 10 piece with a length x 300mm WP3001, WP3002, WP3003
  - 2 piece sample x 10 piece with a length:(10 mm x 80 mm x 4 mm) WP3001, WP 3002
- 6. Date of conducting the testing** 04.01.2016

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## 7. Test results

### 7.1 Testings (measurements within the scope of accreditation)

No in order	Name of indicator	Units of measure	Standards (validated methods)	No of sample in ent.-out.diary	Test results (value, uncertainty)	Value and tolerance of the indicator	Test conditions
1	2	3	4	5	6	7	8
1.	Strength of welded corners and T-joints	kN	BDS EN 514	01-3001 - 3 01-3002 - 3	4.2 ± 0.1 4.1 ± 0.1	≥ 3.0 ≥ 3.5	21°C 40% RH
2.	Resistance to impact of main profiles by falling mass	%	BDS EN 477	01-3001 - 10 01-3002 - 10 01-3003 - 10	0 0 0	≤ 10	21°C 40% RH
3.	Heat reversion	%	BDS EN 479	01-3001 - 3T 01-3002 - 3T 01-3003 - 3T	1.65 ± 0.07 1.73 ± 0.07 1.65 ± 0.07	≤ 2	21°C 40% RH
4.	Charpy impact strength	kJ/m <sup>2</sup>	BDS EN ISO 179-2	01-3001-10Sh 01-3002-10Sh	69.25 ± 0.05 69.00 ± 0.05	≥ 20	21°C 40% RH

I. **NOTE:** If necessary the test protocol may include opinions and interpretations of certain tests (findings are not permitted) only in accordance with the requirements of t.5.10.5 BDS EN ISO / IEC 17025:2006./

II. **NOTE:** Test results relate only to test samples .Extracts from the test report may not be reproduced without written consent of the testing laboratory.

The testing:   
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Head of laboratory:   
/Ph.D.eng. P.Naydenova/

